

AMENDMENTS

Amendments to the Claims:

1. (Currently Amended) An apparatus for identifying a faulty communication module, the apparatus comprising:
 - a communication module configured to verify a first check value for a data packet, append an inherent identifier for the communication module to the data packet, compute a second check value for the data packet, and include the second check value with a data packet;
 - a storage module in communication with the communication module and configured to store the data packet;
 - a validation module in communication with the storage module, the validation module configured to verify the second check value and the first check value to determine if the data packet is corrupt; and
 - the validation module further configured to directly identify the communication module as faulty which communication module is faulty via the inherent identifier if the second check value is valid and the first check value is not valid.
2. (Previously Presented) The apparatus of claim 1, wherein the validation module is further configured to report the communication module identified by the inherent identifier as faulty.
3. (Original) The apparatus of claim 1, wherein the validation module is configured to retrieve the data packet from the storage module.

4. (Previously Presented) The apparatus of claim 1, wherein the first check value is a CRC value.
5. (Previously Presented) The apparatus of claim 1, wherein the storage module is configured to take the communication module off-line.
6. (Original) The apparatus of claim 1, wherein the identifier comprises an identifier unique to the communication module.
7. (Currently Amended) A system for identifying a faulty communication module, the system comprising:
 - a computer host configured to send and receive data packets; and
 - a server in communication with the computer host, the server comprising a communication module configured to verify a first check value for a data packet, append an inherent identifier for the communication module to the data packet, compute a second check value for the data packet, and include the second check value with a data packet, a storage module configured to store the data packets, and a validation module configured to verify the second check value and the first check value to determine if the data packet is corrupt, and ~~directly identify the communication module as faulty which~~ communication module is faulty via the inherent identifier if the second check value is valid and the first check value is not valid.

8. (Previously Presented) The system of claim 7, wherein the validation module is further configured to report the communication module identified via the inherent identifier as faulty.
9. (Original) The system of claim 7, wherein the validation module retrieves the data packets from the storage module
10. (Previously Presented) The system of claim 7, wherein the second check value is a longitudinal redundancy check value.
11. (Previously Presented) The system of claim 7, wherein the storage module is further configured to take the communication module off-line.
12. (Original) The system of claim 7, wherein the identifier comprises an identifier unique to the communication module.
13. (Currently Amended) A method for identifying a faulty communication module, the method comprising:
 - verifying a first check value for a data packet;
 - appending an inherent identifier for a communication module to the data packet;
 - computing a second check value for the data packet and including the second check value with the data packet;
 - verifying the second check value and the first check value to determine if the data packet is corrupt; and

~~directly identifying the communication module as faulty which~~
~~communication module is faulty~~ via the inherent identifier if the second check value is valid and the first check value is not valid.

14. (Previously Presented) The method of claim 13, further comprising reporting the communication module identified via the inherent identifier as faulty.
15. (Previously Presented) The method of claim 13, further storing the data packet on a storage device.
16. (Previously Presented) The method of claim 13, further comprising retrieving the data packet from a storage device.
17. (Previously Presented) The method of claim 13, wherein the first check value is a CRC value.
18. (Previously Presented) The method of claim 13, further comprising taking the communication module off-line.
19. (Previously Presented) The method of claim 13, further comprising acquiring a unique identifier for the communication module.
20. (Currently Amended) An apparatus for identifying a faulty communication module, the apparatus comprising:
 - means for verifying a first check value for a data packet;

means for appending an inherent identifier for a communication module to the data packet;

means for computing a second check value for the data packet and including the second check value with the data packet;

means for verifying the second check value and the first check value to determine if the data packet is corrupt; and

means for directly identifying the communication module as faulty which communication module is faulty via the inherent identifier if the second check value is valid and the first check value is not valid.

21. (Previously Presented) The apparatus of claim 20, further comprising means for reporting the communication module identified via the inherent identifier as faulty.
22. (Previously Presented) The apparatus of claim 20, further comprising means for storing the data packet.
23. (Original) The apparatus of claim 20, further comprising means for retrieving the data packet from a storage module.
24. (Previously Presented) The apparatus of claim 20, wherein the first check value is a CRC value and the second check value is a longitudinal redundancy check value.
25. (Original) The apparatus of claim 20, further comprising means for taking the communication module off-line.

26. (Previously Presented) The apparatus of claim 20, further comprising means for acquiring the inherent identifier for the communication module.
27. (Currently Amended) An article of manufacture comprising a program storage medium readable by a processor and embodying one or more instructions executable by a processor to perform a method for identifying a faulty communication module, the method comprising:
- verifying a first check value for a data packet;
 - appending an inherent identifier for a communication module to the data packet;
 - computing a second check value for the data packet and including the second check value with the data packet;
 - verifying the second check value and the first check value to determine if the data packet is corrupt; and
 - ~~directly identifying which communication module is faulty~~
the communication module as faulty via the inherent identifier if the second check value is valid and the first check value is not valid.
28. (Previously Presented) The article of manufacture of claim 27, further comprising reporting the communication module identified via the inherent identifier as faulty.
29. (Original) The article of manufacture of claim 27, further comprising retrieving the data packet from a storage module.

30. (Previously Presented) The article of manufacture of claim 27, wherein the first check value is a CRC value and the second check value is a longitudinal redundancy check value.